

SOCIAL SCIENCE & MEDICINE

an international journal

MEDICAL ECONOMICS

p.t.c.

VOLUME 12C, 1978

LIST OF CONTENTS AND AUTHOR INDEX



PERGAMON PRESS

OXFORD • NEW YORK • PARIS • FRANKFURT

SOCIAL SCIENCE & MEDICINE

Editor-in-Chief

PETER J. M. McEWAN

Glengarden, Ballater, Aberdeenshire AB3 5UB, Scotland

Senior Editors

Medical Anthropology

CHARLES LESLIE

University of Delaware,
Newark, DE 19711, U.S.A.

Medical Economics

DAVID DUNLOP

Vanderbilt University,
Nashville, TN 37235, U.S.A.

Medical Geography

GERALD F. PYLE

University of Akron,
Akron, OH 44325, U.S.A.

GARY SHANNON

DHEW, Rockville,
MD 20852, U.S.A.

Book Reviews

JOHN STOECKLE, Massachusetts General Hospital, Boston, MA 02114, U.S.A.

Regional Editors

A. Antonovsky, Beer-Sheva,
Israel

H. Collomb, University of Dakar,
Dakar, Senegal

E. Holst, Inst. of Social Medicine,
Copenhagen, Denmark

R. Illsley, University of Aberdeen,
Aberdeen, Scotland

M. Knobel, Sao Paulo, Brazil
D. Maddison, University of
Newcastle, Australia

A. Mathé, Paris, France

D.M. McQueen, Baltimore, U.S.A.

M. Pflanz, Hannover, West Ger-
many

Venkoba Rao, Madurai 625020,
India

M. Sokolowska, Polish Academy
of Sciences, Warsaw, Poland

A. L. Strauss, San Francisco,
Calif., U.S.A.

E. D. Wittkower, Montreal,
Quebec, Canada

M. Yamamoto, Tokyo, Japan

Advisory Editors

I. S. Aksel, Capa-Istanbul, Turkey
R. F. Badgley, Toronto, Ontario, Canada
C. R. Bagley, Guildford, Surrey, England
S. M. Bain, Aberdeen, Scotland
G. Beck, Saskatchewan, Canada
F. J. Bennett, Nairobi, Kenya
J. Campos, Barcelona, Spain
Lucy Cohen, Washington D.C., U.S.A.
S. H. Croog, Hartford, Conn., U.S.A.
D. D. Daskalov, Sofia, Bulgaria
J. H. Davis, Washington D.C., U.S.A.
A. El-Koussy, Giza, Egypt
Renée C. Fox, Philadelphia, Penn., U.S.A.
I. Gadourek, Groningen, Netherlands
M. Gelfand, Salisbury, Rhodesia
D. Girt, Columbia, Missouri, U.S.A.
J. Gill, Ottawa, Canada
S. Graham, Buffalo, N.Y., U.S.A.
M. Jahoda, Hassocks, Sussex, England
M. Jeffreys, London, England

O. Kutty, University of Liège, Belgium
T. A. Lambo, W.H.O., Geneva
A. Learmonth, Milton Keynes, Bucks.,
England
L. Levi, Stockholm, Sweden
K. Lissak, Pecs, Hungary
V. Milanovic, Belgrade, Yugoslavia
F. J. W. Miller, Newcastle-upon-Tyne,
England
J. K. Myers, New Haven, Conn., U.S.A.
V. Olesen, San Francisco, Calif.,
U.S.A.
M. K. Opler, Buffalo, N.Y., U.S.A.
C. M. Parkes, London, England
I. Polunin, Outram Hill, Singapore
G. C. Reader, New York, N.Y., U.S.A.
B. Ritson, Edinburgh, Scotland
F. T. Sai, London, England
M. Sakamoto-Momiyama, Tokyo,
Japan

I. T. Sanders, Boston, Mass., U.S.A.
J. Shuval, Jerusalem, Israel
K. Singer, Pokfulam, Hong Kong
T. Sjoval, Stockholm, Sweden
A. Smith, Manchester, England
M. Stacey, Coventry, Warwickshire,
England
N. Stevenson, Diss, Norfolk, England
J. Stromberg, Geneva, Switzerland
G. Teeling-Smith, London, England
A. C. Twaddle, Columbia, Mo.,
U.S.A.
P. Unschuld, Marburg, West Germany
Y. Verhasselt, Brussels, Belgium
H. Waitzkin, Oakland, Calif., U.S.A.
A. F. Wessen, Providence, U.S.A.
K. Winter, Berlin, East Germany
P. N. Wood, Manchester, England
I. K. Zola, Waltham, Mass., U.S.A.

Published 18 times a year by the Journals Production Unit, Hennock Road, Marsh Barton, Exeter, Devon EX2 8RP, England (Exeter 74121)

Advertising Office: Pergamon Press Ltd, Headington Hill Hall, Oxford OX3 0BW, England (Oxford 64881)

American Office: Maxwell House, Fairview Park, Elmsford, N.Y. 10523, U.S.A.

Annual Subscription Rates 1979 (including postage and insurance): For Libraries, University Departments, Government Laboratories, Industrial and other multiple-reader Institutions—US\$148.00 per annum; 2-years US \$281.20 (Combined subscription). Part A (Medical Psychology & Medical Sociology): \$61.00; Part B (Medical Anthropology): \$44.00; Part C (Medical Economics): \$44.00; Part D (Medical Geography): \$44.00.

Specially reduced rates to individuals: In the interests of maximizing the dissemination of the research results published in this important international journal we have established a two-tier price structure. Any individual whose institution takes out a library subscription may purchase a second or additional subscription to Parts A–D for personal use at a much reduced rate of US \$50.00.

All subscription enquiries should be addressed to the Subscription Fulfilment Manager, Pergamon Press Ltd, Headington Hill Hall, Oxford OX3 0BW. *Microform Subscriptions and Back Issues:* Back issues of all previously published volumes are available in the regular editions and on microfilm and microfiche. Current subscriptions are available on microfiche simultaneously with the paper edition and on microfilm on completion of the annual index at the end of the subscription year.

Copyright © 1979 Pergamon Press Ltd

It is a condition of publication that manuscripts submitted to this journal have not been published and will not be simultaneously submitted or published elsewhere. By submitting a manuscript, the authors agree that the copyright for their article is transferred to the publisher if and when the article is accepted for publication. However, assignment of copyright is not required from authors who work for organizations which do not permit such assignment. The copyright covers the exclusive rights to reproduce and distribute the article, including reprints, photographic reproductions, microform or any other reproductions of similar nature and translations. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, electrostatic, magnetic tape, mechanical, photocopying, recording or otherwise, without permission in writing from the copyright holder.

U.S. Copyright Law applicable to Users in the U.S.A.

The Article Fee Code on the first page of an article in this journal indicates the copyright owner's consent that in the U.S.A., copies may be made for personal or internal use provided the stated fee for copying, beyond that permitted by Section 107 or 108 of the United States Copyright Law, is paid. The appropriate remittance should be forwarded with a copy of the first page of the article to the Copyright Clearance Center Inc., PO Box 765, Schenectady, NY 12301. If a code does not appear, copies of the article may be made without charge, provided permission is obtained from the publisher. The copyright owner's consent does not extend to copying for general distribution, for promotion, for creating new works or for resale. Specific written permission must be obtained from the publisher for such copying. In case of doubt please contact your nearest Pergamon office.

CONTENTS

VOLUME 12

Numbers 1/2

DENISE DELIÈGE: Socio-economic theory and practice in health care delivery	1
E. P. MACH: The financing of health systems in developing countries	7
MICHAEL SCHWARTZ, NAOMI NAIERMAN and HOWARD BIRNBAUM: Catastrophic illness expense: implications for national health policy in the United States	13
IMRANA QADEER: India's feeding programmes and their relevance	23
A. PARKER: Health technology and primary health care	29
EUGENE FELDMAN: Characteristics of Catholic, Jewish and Protestant hospitals	43
ANNE CUGLIANI: Patterns of hospital based ambulatory care	55
Book Reviews	
COLIN MURRAY PARKES: <i>New meanings of death</i> , edited by Herman Feiffel	59
IVAN BAROFKY: <i>Pharmacy practice: social and behavioral aspects</i> , by Albert I. Wertheimer and Mickey C. Smith	59
OLIVA BLANCHETTE: <i>Ethics in medicine: historical perspectives and contemporary concerns</i> , edited by Stanley Joel Reiser, Arthur J. Dyck and William J. Curran	60
MARGOT JEFFERYS: <i>The social organisation of health visitor training</i> , by Robert Dingwall	61
H. MUELLER-DIETZ: <i>Health care in the Soviet Union and Eastern Europe</i> , by Michael Kaser	62
P. R. GREENFIELD: <i>Health care in a changing setting: the UK experience</i>	63
RAYMOND M. LEINBACH: <i>Family, bureaucracy and the elderly</i> , edited by Ethel Shanas and Marvin Sussman	63
BENJAMIN SHANGOLD: <i>Behind the wall of respect: community experiments in heroin addiction control</i> , by Patrick H. Hughes	64
PETER M. LAZES: <i>Protecting the nation's health</i> , by Edward J. Burger, Jr	65
F. J. BENNETT: <i>Low-cost rural health care and health manpower training</i> , by Frances M. Delaney	66
NAOMI ARONSON: <i>Disease and economic development</i> , by Burton A. Weisbrod, Ralph L. Andreano, Robert E. Baldwin, Erwin H. Epstein and Allen C. Kelley	66
Publications Received	69
Announcement	70
Information	71

Numbers 3/4

MILTON M. CHEN and DOUGLAS P. WAGNER: Gains in mortality from biomedical research 1930-1975: an initial assessment	73
ANTTI KARISTO, VEIJO NOTKOLA and TAPANI VALKONEN: Socioeconomic status and health in Finland and the other Scandinavian countries	83
MANUEAL CARVAJAL and PAUL BURGESS: Socioeconomic determinants of fetal and child deaths in Latin America: a comparative study of Bogota, Caracas, and Rio de Janeiro	89
JOEL B. COWEN, MICHAEL S. BROIDA and GARY L. GAUMER: Feasibility of input/output analysis for regional health planning	99
H. COLLOMB: <i>L'économie des villages psychiatriques</i>	113
BARRY M. POPKIN: Nutrition and labor productivity	117
Book Review	
DONALD C. RANSOM: <i>A sociology of health</i> , by Andrew C. Twaddle and Richard M. Hessler	127

AUTHOR INDEX

Aronson N. 66 (BR)

Barofsky I. 59 (BR)

Bennett F. J. 66 (BR)

Birnbaum H. 13

Blanchette O. 60 (BR)

Broida M. S. 99

Burgess P. 89

Carvajal M. 89

Chen M. M. 73

Collomb H. 113

Cowen J. B. 99

Cugliani A. 55

Deliège D. 1

(BR = Book Review)

Feldman E. 43

Gaumer G. L. 99

Greenfield P. R. 63 (BR)

Jefferys M. 61 (BR)

Karisto A. 83

Lazes P. M. 65 (BR)

Mach E. P. 7

Mueller-Dietz H. 62 (BR)

Naierman N. 13

Notkola V. 83

Parker A. 29

Parkes C. M. 59 (BR)

Popkin B. M. 117

Qadeer I. 23

Ransom D. C. 127 (BR)

Schwartz M. 13

Shangold B. 64 (BR)

Valkonen T. 83

Wagner D. P. 73